

DECLARATION AND POWER OF ATTORNEY FOR ORIGINAL U.S. PATENT APPLICATION

Attorney's Docket No. KLA1P117X1B/P1151/3

'As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: APPARATUS AND METHODS FOR DETECTING OVERLAY ERRORS USING SCATTEROMETRY the specification of which,

(check one)	1 i	s attached hereto.		
	τ	was filed on <u>February 23, 200</u> U.S. Application No. <u>10/785,</u> and was amended on	395	
	I	was filed on International PCT Application and was amended on	n No	
I hereby state that I hav amended by any amendm			s of the above-identifi	ed specification, including the claims, as
I acknowledge the duty to 37, CFR § 1.56.	o disclose i	information which is material	to the patentability of	f this application in accordance with Title
Prior Foreign Application	on(s)			
I hereby claim foreign pr	iority benef	its under Title 35, United Stars 8, 365(a) of any PCT Inter	ates code, § 119(a)-(d)	or § 365(b) of any foreign application(s) hich designated at least one country other
than the United States,	listed belov	w and have identified below	v, by checking the bo	ex, any foreign application for patent or at of the application on which priority is Priority Benefits Claimed?
than the United States, inventor's certificate, or	listed belov PCT Intern	w and have identified below	v, by checking the bo	ex, any foreign application for patent or at of the application on which priority is
than the United States, inventor's certificate, or claimed:	listed belov PCT Intern ((w and have identified below actional application having a	y, by checking the bo	ex, any foreign application for patent or at of the application on which priority is Priority Benefits Claimed?
than the United States, inventor's certificate, or claimed: (Application No.)	listed belov PCT Intern (0	w and have identified below national application having a	y, by checking the both filing date before the (Filing Date)	ex, any foreign application for patent or at of the application on which priority is Priority Benefits Claimed? Yes No
than the United States, inventor's certificate, or claimed: (Application No.) (Application No.) Provisional Application(listed belov PCT Intern (()	w and have identified below national application having a	(Filing Date) (Filing Date)	ex, any foreign application for patent or at of the application on which priority is Priority Benefits Claimed? Yes No Yes No
than the United States, inventor's certificate, or claimed: (Application No.) (Application No.) Provisional Application(listed belov PCT Intern (()	w and have identified below national application having a Country)	(Filing Date) (Filing Date) States provisional appli	ex, any foreign application for patent or at of the application on which priority is Priority Benefits Claimed? Yes No Yes No
than the United States, inventor's certificate, or claimed: (Application No.) (Application No.) Provisional Application(I hereby claim the benefit 60/504,093	listed belov PCT Intern (()	w and have identified below national application having a Country) Country) Country) September 19, 2003	(Filing Date) (Filing Date) (States provisional appli	ex, any foreign application for patent or at of the application on which priority is Priority Benefits Claimed? Yes No Yes No

Atty. Dkt. No.: KLA1P117X1B/P1151/3

Page 1 of 4

(Revised 03/00)

Prior U.S. Application(s)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

(Application No.)	(Filing Date	(Status - patented, pending, abandoned)
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)
Power of Attorney	•	
	rincipal attorneys to prosecute t	homas, LLP and all practitioners who are associated with the Customer als application and to transact all business in the Patent and Trademark
Direct Correspondence	To: Cu	stomer Number: 022434
Direct Telephone Calls	Γο: Mary Ramo	Olynick at telephone number (510) 843-6200
belief are believed to be t like so made are punishab	rue; and further that these stater ole by fine or imprisonment, or	on knowledge are true and that all statements made on information and ents were made with the knowledge that willful false statements and the oth, under section 1001 of Title 18 of the United States Code, and that the application or any patent issuing thereon.
Typewritten Full Name of Sole or First Inventor: Inventor's signature: Residence: (City) Post Office Address:	Walter D. Mieher Walter D. Mieher Los Gatos 14135 Old Japanese Road, Los	Citizenship: United States Date of Signature: (/// 2004 (State/Country) CA/USA Gatos, CA 95033
Second Inventor: Inventor's signature: Residence: (City)	Ady Levy Sunnyvale	Citizenship: Israel Date of Signature: 6/14/07 (State/Country) CA/USA

Atty. Dkt. No.: KLA1P117X1B/P1151/3

1621 Samedra Street, Sunnyvale, CA 94087

Post Office Address:

Third Inventor:		Boris Golovanesky	Citizenship:	Israel
Inventor's signa	iture:		Date of Signatu	ıre:
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Fourth Inventor:		Michael Friedmann	Citizenship:	Israel
Inventor's signa	ture:		Date of Signatu	-1.1
Residence:	(City)	Mountain View	(State/Country)	·
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m.a				-
Fifth Inventor:		Ian Smith	Citizenship:	United Kingdom
Inventor's signa	ture:	Myright	Date of Signatu	re:6/14/04
Residence:	(City)	Los Garos	(State/Country)	CA/USA
Post Office Addre	ess:	17031 Los Cerritos, Los Gatos, CA 95030		
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Inventor's signa	ture:		Date of Signatur	re:
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Eighth Inventor:		John Fielden	Citizenship:	United States
Inventor's signat	turo:	Hem Fielden	-	entere 10,2004
_				
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Post Office Addre	ess:	2020 Victoria Court, Los Altos, CA 94024	· · · · · · · · · · · · · · · · · · ·	
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Inventor's signat	ure:	had Barela	Date of Signatur	e: 6-14-04
Residence:	(City)	Saratoga	(State/Country)	CA/USA
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.Seventh Inventor:	Anatoly Fabrikant	Citizenship:	United States
Inventor's signature:	Aser h	Date of Signatu	re: <u>06/11/09</u>
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DECLARATION AND POWER OF ATTORNEY FOR ORIGINAL U.S. PATENT APPLICATION

Attorney's Docket No. KLA1P117X1B/P1151/3

As a below-named inventor, I hereby declare that:

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(check one)	1 is at	tached hereto.		
	U.S.		004 5,395	
	Inter	national PCT Applicati	on No	
I hereby state that I have amended by any amendment			nts of the above-identified	specification, including the claims, as
I acknowledge the duty to 37, CFR § 1.56.	disclose info	rmation which is mater	ial to the patentability of th	is application in accordance with Title
Prior Foreign Application	on(s)			
for patent or inventor's co	ertificate, or § isted below as	365(a) of any PCT Int nd have identified below	ernational application which ow, by checking the box,	s § 365(b) of any foreign application(s) h designated at least one country other any foreign application for patent or of the application on which priority is Priority Benefits Claimed? Yes No
(Application No.)	(Cou	ntry)	(Filing Date)	
(Application No.)	(Cou	ntry)	(Filing Date)	Yes No
Provisional Application(s)			
I hereby claim the benefit	under 35 U.S.C	C. §119(e) of any United	d States provisional application	tion(s) listed below:
60/504,093 (Application No.)		September 19, 200 (Filing Date)	3	
60/449,496 (Application No.)		February 22, 2003 (Filing Date)		,
60/498,524 (Application No.)		August 27, 2003 (Filing Date)		

Atty. Dkt. No.: KLA1P117X1B/P1151/3

Prior U.S. Application(s)

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(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)		
(Application No.)	(Filing Date)	(Status - patented, pending, abandoned)		
Dames of Attorney				

Power of Attorney

And I hereby appoint the law firm of Beyer Weaver & Thomas, LLP and all practitioners who are associated with the Customer Number 022434 as my principal attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Direct Correspondence To:	Customer Number: 022434

Direct Telephone Calls To:

Mary Ramos Olynick at telephone number (510) 843-6200

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Typewritten Full Name of Sole or First Inventor:	Walter D. Mieher	Citizenship:	United States
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Atty. Dkt. No.: KLA1P117X1B/P1151/3

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Fifth Inventor:		Ian Smith	Citizenship:	United Kingdom
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Sixth Inventor:		Michael E. Adel	Citizenship:	Israel
Inventor's signa	ture:		Date of Signatur	+ 1 1H
Residence:	(City)	Zichron Ya'akov	(State/Country)	1 200 f
Post Office Addr	ess:	14 Yigal Alon Street, Zichron Ya'akov, 30900 Israel	·	,
Eighth Inventor:		John Fielden	Citizenship:	United States
Inventor's signa	ture:		Date of Signatur	re:
Residence:	(City)	Los Altos	(State/Country)	
Post Office Addre	ess:	2020 Victoria Court, Los Altos, CA 94024		
Ninth Inventor:		Noah Bareket	Citizenship:	United States
Inventor's signa	ture:		•	·e:
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Post Office Addre	ec.	12344 Saraglan Drive Saratoga California 05070		

Seventh Inventor:		Anatoly Fabrikant	Citizenship:	United States
Inventor's signatur	e:		Date of Signatur	re:
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Post Office Address:	:	2245 Olive Avenue, Fremont, CA 94539		
Seventh Inventor:		Mark Ghinoyker	Citizenship:	Israel
Inventor's signatur	·e:		Date of Signatu	re: July 12, 23
Residence: (C	City)	Migdal Ha'Emek	State/Country)	Israel
Post Office Address:	•	Sholom Aleichem, 812/22, Migdal Ha'Emek, 23019	Israel	